

IFW



PATENT  
Customer Number: 22,852  
Attorney Docket No. 8350.2532

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Sean R. MOTSZKO et al.	)	
	)	
Application No.: 10/743,812	)	Group Art Unit: 3744
	)	
Filed: December 24, 2003	)	Examiner: Unassigned
	)	
For: AIR-TREATMENT SYSTEM	)	
WITH SECONDARY CIRCUIT	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTION OF FILING RECEIPT**

Sir:

We are forwarding herewith a copy of a Filing Receipt which has been received from the U.S. Patent and Trademark Office. Upon review of the Filing Receipt, a typographical error has been noted that occurred through the fault of the U.S. Patent and Trademark Office. In particular, the word "SYSTEM" in the title is misspelled. The correct information is both listed below and has been inserted in red ink on the copy of the Filing Receipt:

**AIR-TREATMENT SYSTEM WITH SECONDARY CIRCUIT**

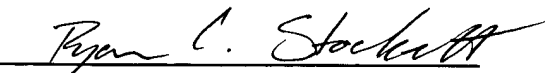
We request that a corrected Filing Receipt be supplied as soon as possible.

Attorney Docket No.: 08350.2532  
Application No.: 10/743,812

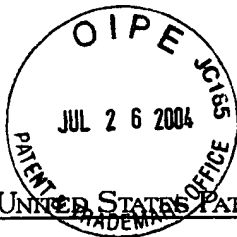
If any fees are due in connection with the filing of this paper, please charge our  
deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:   
Ryan C. Stockett  
Reg. No. 53,642

Dated: July 26, 2004



UNITED STATES PATENT AND TRADEMARK OFFICE

Dwt/HCP1/RYS/CHW Page 1 of 2

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/743,812	12/24/2003	3744	1108	08350.2532	6	34	4

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, DC 20005-3315

**RECEIVED**

APR 1 / 2004

CONFIRMATION NO. 1718

FILING RECEIPT



\*OC000000012279893\*

FINNEGAN, HENDERSON, FARABOW,  
~~GARRETT AND DUNNER, LLP~~

Date Mailed: 04/05/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Mark Thomas Grimm, Dunlap, IL;  
Dan Alan Spurgeon, Washington, IL;  
Sean Ronald Motszko, Edelstein, IL;  
Norval P. Thomson, Dunlap, IL;  
Ryan Patrick Mcenaney, Peoria, IL;

**Assignment For Published Patent Application**

Caterpillar, Inc.;

**Domestic Priority data as claimed by applicant****Foreign Applications**

If Required, Foreign Filing License Granted: 04/05/2004

Projected Publication Date: 06/30/2005

Non-Publication Request: No

Early Publication Request: No

Title

application is obvious

Dwt/HCP1/RYS/CHW

system

Air-treatment system with secondary circuit

**Preliminary Class**

062

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



PATENT  
Customer Number: 22,852  
Attorney Docket No. 8350.2532

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Sean R. MOTSZKO et al.	)	
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Application No.: 10/743,812	)	Group Art Unit: 3744
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Filed: December 24, 2003	)	Examiner: Unassigned
	)	
For: AIR-TREATMENT SYSTEM WITH	)	
SECONDARY CIRCUIT	)	
	)	
	)	

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**REQUEST FOR CORRECTED NOTICE OF**  
**RECORDATION OF ASSIGNMENT**

Sir:

We are forwarding herewith a copy of a Notice of Recordation of Assignment document for the above-identified patent application that has been received from the U.S. Patent and Trademark Office. Upon review of the Notice of Recordation of Assignment Document, a typographical error has been noted that occurred through the fault of the U.S. Patent and Trademark Office. In particular, the word "SYSTEM" in the title is misspelled. The correct information is both listed below and in red ink on the copy of the Notice of Recordation of Assignment document:

**AIR-TREATMENT SYSTEM WITH SECONDARY CIRCUIT**

Please supply a corrected Notice of Recordation of Assignment Document as soon as possible.

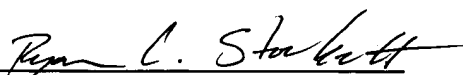
**Attorney Docket No. 08350.2532-00**  
**Application No. 10/743,812**

If any fees are due in connection with the filing of this request, the Commissioner is  
authorized to charge our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: July 26, 2004

By:   
Ryan C. Stockett  
Reg. No. 53,642



RECEIVED

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUL 15 2004

JULY 15, 2004

PTAS

FINNEGAN HENDERSON FARABOW ET AL.  
RYAN C. STOCKETT  
1300 I STREET, N.W.  
WASHINGTON, DC 20005-3315



\*102641087A\*

FINNEGAN HENDERSON, FARABOW,  
STOCKETT & DUNNER LLP

RWH 1CPT/RYS/CHW  
08350-2532

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/24/2003

REEL/FRAME: 014853/0361  
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MOTSZKO, SEAN RONALD

DOC DATE: 12/15/2003

ASSIGNOR:

GRIMM, MARK THOMAS

DOC DATE: 12/16/2003

ASSIGNOR:

SPURGEON, DAN ALAN

DOC DATE: 12/15/2003

ASSIGNOR:

THOMSON, NORVAL P.

DOC DATE: 12/18/2003

ASSIGNOR:

MCENANEY, RYAN PATRICK

DOC DATE: 12/16/2003

OK for  
7-19-04  
JCS

014853/0361 PAGE 2

ASSIGNEE:

CATERPILLAR, INC.  
100 N.E. ADAMS STREET  
INTELLECTUAL PROPERTY DEPARTMENT  
PEORIA, ILLINOIS 61629-6490

SERIAL NUMBER: 10743812

FILING DATE: 12/24/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: AIR-TREATMENT SYTEM WITH SECONDARY CIRCUIT

SYSTEM

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1595  
1-31-92

01-08-2004

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 08350.2532  
Attorney Customer Number: 22,852

To the Director of the U.S. Patent and Trademark Office  
Please record the attached original document for copy thereof.

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies):

1. Sean Ronald Motszko
2. Mark Thomas Grimm
3. Dan Alan Spurgeon
4. Norval P. Thomson
5. Ryan Patrick McEnaney

2. Name and address of receiving party(ies):

Name: Caterpillar, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address: Intellectual Property Department

3. Nature of conveyance:

☒ Assignment

☐ Merger

Street Address: 100 N.E. Adams Street

City: Peoria

☐ Security Agreement

☐ Change of Name

State: IL Zip Code: 61629-6196

☐ Other:

Additional name(s) & Address(es) attached?

☐ Yes ☒ No

Execution Date: 1., 3. December 15, 2003  
2., 5. December 16, 2003  
4. December 18, 2003

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: 1., 3. December 15, 2003; 2., 5. December 16, 2003; 4. December 18, 2003.

A. Patent Application Number(s):

10/743812

Additional numbers attached?

B. Patent Number(s):

☐ Yes ☒ No

4. Name and address of party to whom correspondence concerning document should be mailed:

Name:

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

5. Total number of applications and registrations involved:  
1

6. Total fee (37 CFR 3.41): \$40

☒ Enclosed (Please charge deficiency to deposit account)

☐ Authorized to be charged to deposit account

7. Deposit Account No.: 06-0916

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ryan C. Stockett, Reg. No. 53,642

01/02/2004 FFAHAEIA 00000032 10743812

04 FC:8021

40.00 DP

*Ryan C. Stockett*  
Signature

December 24, 2003

Date

Total number of pages including cover sheet, attachments and documents: 9

## ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

### AIR-TREATMENT SYSTEM WITH SECONDARY CIRCUIT

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_\_, 2003 (Serial No. \_\_\_\_\_); and

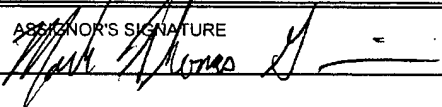
WHEREAS, **Caterpillar, Inc.**, a corporation of **Delaware** whose post office address is **Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-6490** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. \_\_\_\_\_, filed \_\_\_\_\_ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Mark Thomas GRIMM	ASSIGNOR'S SIGNATURE 	DATE 12/16/03
ADDRESS 11218 North Jason Drive, Dunlap, IL 61525		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

1. WITNESS NAME Thomas M. Baker	WITNESS SIGNATURE Thomas M. Baker	DATE 12/16/03
ADDRESS 1502 W. Columbia Terr. Peoria, IL 61606		CITIZENSHIP USA

2. WITNESS NAME Dornette Hadfield	WITNESS SIGNATURE Dornette Hadfield	DATE 12-16-03
ADDRESS 704 Banta Rd Lowpoint, IL 61545		CITIZENSHIP US

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Dan Alan SPURGEON	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1012 Krollcrest, Washington, IL 61571		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 08350.2532  
Client Ref. No. 02-532

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Sean Ronald MOTSZKO	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 18901 N. Pau Hana Ct., Edelstein, IL 61526		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Norval P. Thomson	ASSIGNOR'S SIGNATURE <i>Norval P. Thomson</i>	DATE Dec. 18, 2003
ADDRESS 4809 Cedar Hills Dr., Dunlap, IL 61525		CITIZENSHIP USA

1. WITNESS NAME Arlene Spellious	WITNESS SIGNATURE <i>Arlene J. Spellious</i>	DATE Dec. 18, 2003
ADDRESS 1401 W. Sycamore St., Chillicothe, IL 61523		CITIZENSHIP USA

2. WITNESS NAME MARK NITZSCHE	WITNESS SIGNATURE <i>Mark Nitzsche</i>	DATE Dec 18, 2003
ADDRESS 312 E. LAKESHORE DR., EDELSTEIN IL 61526		CITIZENSHIP USA

5. FULL NAME OF Fifth ASSIGNOR, IF ANY Ryan Patrick MCENANEY	ASSIGNOR'S SIGNATURE <i>Ryan Patrick McEnaney</i>	DATE 16 Dec 2003
ADDRESS 5518 Ramble Wood Ct., Peoria, IL 61615		CITIZENSHIP USA

1. WITNESS NAME Danelle Hadfield	WITNESS SIGNATURE <i>Danelle Hadfield</i>	DATE 12-16-03
ADDRESS 704 Banta Rd		CITIZENSHIP US
Lowpoint, IL 61545		

2. WITNESS NAME Thomas M. Baker	WITNESS SIGNATURE <i>Thomas M. Baker</i>	DATE 12/16/03
ADDRESS 1502 W. COLUMBIA Terr.		CITIZENSHIP USA
Peoria, IL 61606		

## ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

### AIR-TREATMENT SYSTEM WITH SECONDARY CIRCUIT

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_\_, 2003 (Serial No. \_\_\_\_\_); and

WHEREAS, **Caterpillar, Inc.**, a corporation of **Delaware** whose post office address is **Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-6490** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. \_\_\_\_\_, filed \_\_\_\_\_ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Mark Thomas GRIMM	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 11218 North Jason Drive, Dunlap, IL 61525		CITIZENSHIP USA

Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

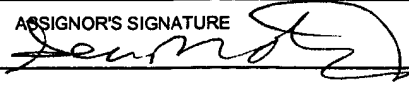
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

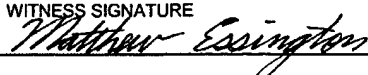
2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

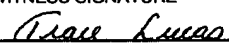
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Dan Alan SPURGEON	ASSIGNOR'S SIGNATURE <i>Daniel Alan Spurgeon</i>	DATE 15-Dec-03
ADDRESS 1012 Krollcrest, Washington, IL 61571		CITIZENSHIP USA

1. WITNESS NAME Arlene J. Spellious	WITNESS SIGNATURE <i>Arlene J. Spellious</i>	DATE 15-Dec-03
ADDRESS 1401 W. Sycamore St, Chillicothe, IL 61523		CITIZENSHIP USA

2. WITNESS NAME JASON J. GERSICH	WITNESS SIGNATURE <i>Jason J. Gersich</i>	DATE 12/15/2003
ADDRESS 4927 N. CIRCLE CT. PEORIA, IL 61614		CITIZENSHIP USA

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Sean Ronald MOTSZKO	ASSIGNOR'S SIGNATURE 	DATE 12/15/03
ADDRESS 18901 N. Pau Hana Ct., Edelstein, IL 61526		CITIZENSHIP USA

1. WITNESS NAME Matthew P. Essington	WITNESS SIGNATURE 	DATE 12/15/03
ADDRESS 2322 Colorado Ave. Rockford, IL 61108		CITIZENSHIP USA

2. WITNESS NAME Trace Lucas	WITNESS SIGNATURE 	DATE Dec 15, 2003
ADDRESS 6946 Milton Road Rockford IL 61109		CITIZENSHIP U.S.A

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Norval P. Thomson	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 4809 Cedar Hills Dr., Dunlap, IL 61525		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 08350.2532  
Client Ref. No. 02-532

5. FULL NAME OF Fifth ASSIGNOR, IF ANY Ryah Patrick MCENANEY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 5518 Ramble Wood Ct., Peoria, IL 61615		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP